

FORESTRY 208 - FOR208
DENDROLOGY
Fall 2022
4 SH - STARS#: 70215

Instructor: Paul Blome
Office Phone: 298-1160
Office Hours: M W 1-1:50pm, T Th 12-12:50

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Last day to add course during open registration: 08/26/2022

Last day to add by permission or delete course: 09/02/2022

Last day to drop course with "W" grade: 10/30/2022

Course Meeting Times & Places:

Lecture: M-W 11-11:50am KH 201
Lab: T-TH 10-11:50am KH 201

No Required Textbook: Original Text: Textbook of Dendrology, (9th Edition - out of print) Harlow & Harrar
Reference resources: Forest Trees of Illinois, Mohlenbrock (State Department of Natural Resources)

- Burns, R. M. and B. H. Honkala (eds.). 1990. *Silvics of North America, Volume 1, Conifers*. U.S. Department of Agriculture, Forest Service, Agriculture Handbook 654, Washington, D.C. Pp. 675.
- Burns, R. and B. Honkala 1990. *Silvics of North America, Volume 2, Hardwoods*. Agricultural Handbook 654. U.S. Department of Agriculture, Forest Service, Washington, D. C. 877 p.

Course Objectives: At the conclusion of this course the student will.....

- provide the student with tree identification skills that will be useful professionally, and for private study and recreational enjoyment of trees in the outdoors.
- prepare students for *Identification and Selection* area of knowledge in the **ISA Certified Arborist Exam**
- identify over 100 tree species by their physiological characteristics
- learn important terminology used to describe different features of trees
- be familiar with using an identification key to identify trees
- be familiar with common and scientific names of trees studied
- acquire knowledge of habitats and natural ranges of common, native, and introduced tree species in Illinois and NA (more focus will be on trees in the midwest because they are readily available)
- acquire knowledge of the relative importance of primary tree species regarding commercial, ecological and ornamental values

Course Content:

Lecture

- Taxonomic classification of trees
- Nomenclature relating to trees
- Basic introduction to palm trees in NA
- Dendrology of Magnoliophyta (Angiosperms)
- Dendrology of Pinophyta (Gymnosperms)

Lab

- Tree morphology, Field identification of trees and some shrubs & vines of the area.
- Most experiences on or near campus. Field trips may include trips to Spring Lake and Lake Argyle to ID and view trees in a forested environment.

Distribution of Points for Course Grade:

2 exams: (100 pts each)	200 pts
Final: (Wed. Dec 14th at 10:00 – 11:50 AM)	100 pts
Lecture & ID Quizzes:	200 pts
Attendance	100 pts
Worksheet Assignments	150 pts
Leaf collection project	100 pts
Scientific Name Quizzes	100 pts

Grade Scale:

<60	60	63	67	70	73	77	80	83	87	90	93-100
F	D-	D	D+	C-	C	C+	B-	B	B+	A-	A

Lecture & ID Quizzes: (7-11 quizzes total). Each quiz will be graded with a percentage. **The lowest quiz will be dropped.** The average percent grade of the remaining quizzes will be multiplied by 200 for the points that count toward your Lecture & ID quiz grade.

Exams/Final: Each exam is worth 100 points (300pts total). Exams will include material covered in lecture and lab. Final is not comprehensive. Details will be discussed closer to the time of each exam.

Attendance:

Study Guides: Worksheets assigned on Westernonline

Part of your grade will be based on filling out and turning in study guides that go along with the lectures. (150 pts total).

Leaf collection project: To become more familiar with details of leaves for ID purposes, you will be collecting and mounting leaves of 50 common tree species. Details will be described in lab. (100 pts) Your leaf project can be used for future reference. **Project will be due Thursday November 3rd.**

Scientific Name Quizzes:

Below is a list of dates that you will have quizzes on scientific names. Learning/memorizing the scientific names of trees is important on a scientific and professional level. **Scientific name questions will be included on tests.** I have created packets of worksheets for you to practice memorizing common and scientific names of trees, their spelling and related family, genus and species. Each packet has a key. The combined quizzes will be part of your class grade (equal to a test, 100pts). The quizzes will begin at start of class and last only 10 minutes.

Sheet #s	Quiz dates
1-12	31-Aug
13-24	7-Sept
25-36	21-Sept
37-45	28-Sept
46-54	12-Oct
55-63	19-Oct
64-72	26-Oct
73-81	2-Nov
82-90	9-Nov
91-99	16-Nov

Attendance/ Participation:

You are expected to attend class and participate in discussions/activities. If a student is going to miss a class, it is his/her responsibility to notify the instructor in advance. **This must be done by utilizing the Online Absence Reporting System (OARS) at www.wiu.edu/oars.** It is the responsibility of the student to discuss the absence with the faculty member should the student desire to make up any academic work missed because of the absence.

Attendance on dates of tests: Test dates will be announced in advance. If you have some conflict with the date and time of a scheduled exam, you must notify the instructor **before** the exam (preferably via OARS & e-mail). The instructor will determine if you will be allowed to reschedule the exam.

Extended absence policy:

If a student misses three weeks worth of classes (continuously or cumulatively) the student will be asked to drop/withdraw from the course or have their cumulative grade reduced to 75% of what they have earned.

WIU ACADEMIC INTEGRITY POLICY :

See <http://www.wiu.edu/policies/acintegrity.php>

Comparing and/or consulting on quiz or exam answers; use of unauthorized notes or aids (phones, etc..) during quizzes and tests as well as other acts of "cheating" in class or in the field may result in failing grades; in extreme cases even course failure.

I encourage you to obtain help if you do not understand a topic or an assignment. I am available at most any time outside of my classes to assist you. Please see my office hours for scheduling appointments.

SMOKE-FREE CAMPUS POLICY:

<http://www.wiu.edu/policies/smokefree.php>

In accordance with (110 ILCS 64/) the Smoke-Free Campus Act, as of July 1, 2015 smoking is prohibited on all Campus Property at the University. This includes smokeless forms and vaporizing forms.

CELL PHONE POLICY: Cell phone use in class is not permitted unless specifically noted by instructor for a specific task. We may be exploring some tree ID phone apps in some of the labs. Cell phone/smart phone use is strictly prohibited on quizzes and exams. Cell phones are not allowed in place of calculators on tests/quizzes. In order to participate in the WIU Emergency Alert System you are allowed to have your cell phones set to a silent mode.

http://www.wiu.edu/vpas/risk_management_and_emergency_preparedness/wiu_emergency_alert_system/index.php

Professional Cell Phone Conduct: PLEASE DO NOT answer phone calls or send text messages during class!

SPECIAL ACCOMMODATIONS FOR STUDENTS

Students who require special accommodations should contact the Disability Resource Center at 309.298.1884. sdsc@wiu.edu, http://www.wiu.edu/student_services/disability_resources/ or in 125 Memorial Hall. **Please notify the instructor as soon as possible to ensure that this course is accessible to you in a timely manner.**

ATTENTION EDUCATION MAJORS:

The changes within the state certification require all education majors to receive a grade of a "C-" or better in this course in order to meet these requirements. With the university +/- grading system, receiving a "D+" or below will require you to retake this course or find a substitute course to meet School of Agriculture graduation requirements.

UNIVERSITY VALUES & TITLE IX:

University values, title IX, and other federal and state laws prohibit sex discrimination, including sexual assault/misconduct, dating/domestic violence, and stalking. If you, or someone you know, has been the victim of any of these offenses, we encourage you to report this to the Title IX Coordinator at 309-298-1977 or anonymously online at: http://www.wiu.edu/equal_opportunity_and_access/request_form/index.php. If you disclose an incident to a faculty member, the faculty member must notify the Title IX Coordinator. The complete Title IX policy is available at: <http://www.wiu.edu/vpas/policies/titleIX.php>.

NOTICES

Please be advised that **this syllabus is tentative**. We may or may not be able to address all of the content areas or stick with the anticipated number of tests or quizzes. **Any deviations from the syllabus will be announced as soon as possible.**

Fall 2022 COVID - 19 Policy

Face Coverings

Face coverings must be worn in classrooms if required by the faculty member. Face coverings may be required in other campus sites following guidance from governing regulatory agencies.

Individuals are expected to comply with requests to wear a face covering in the University's designated locations, a classroom or office space and are subject to being asked to leave and/or conduct/disciplinary referral. **Face coverings remain required for individuals who are exposed to others with COVID-19, test positive for COVID-19, or develop COVID-19 symptoms.**

Individuals who prefer to continue to wear a face covering are welcome and encouraged to do so. Members of the Leatherneck community should not assume an individual's vaccination status, exposure, or symptomatic status based on whether or not a face covering is worn.

See full Protect the Necks Plan III at wiu.edu/coronavirus for complete information regarding a positive diagnosis, quarantining/isolating, etc.